



Ester

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/230,111A

Art Unit / Team No. :

1642

Date Processed by STIC:

5/19/2000

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JUN 10 2000
TC 1600 MAIL ROOM

THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED.**

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- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

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MARK SPENCER 703-308-4212

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JUN 1 - 3 2000
TC 1600 MAIL ROOM

1642

RAW SEQUENCE LISTING DATE: 05/19/2000
 PATENT APPLICATION: US/09/230,111A TIME: 12:21:57

Input Set : A:\48962apl.app
 Output Set: N:\CRF3\05182000\I230111A.raw

Does Not Comply
 Corrected Diskette Needed

3 <110> APPLICANT: Sato, Taka-Aki
 4 Yanagisawa, Junn
 6 <120> TITLE OF INVENTION: COMPOUNDS THAT INHIBIT INTERACTION BETWEEN
 7 SIGNAL-TRANSDUCING PROTEINS AND THE GLGF (PDZ/DHR)
 8 DOMAIN AND USES THEREOF
 10 <130> FILE REFERENCE: 48962-A-PCT-US
 12 <140> CURRENT APPLICATION NUMBER: 09/230,111A
 13 <141> CURRENT FILING DATE: 1999-05-17
 15 <160> NUMBER OF SEQ ID NOS: 33
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 4
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial
 26 Sequence:source:synthesized
 28 <400> SEQUENCE: 1
 W--> 29 Xaa Leu Gly Xaa *see item 10 on Eura summary sheet*
 30
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 6
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of Artificial
 40 Sequence:source:synthesized
 42 <400> SEQUENCE: 2
 W--> 43 Xaa Xaa Xaa Leu Gly Xaa *same env*
 44
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 4
 49 <212> TYPE: PRT
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Description of Artificial
 54 Sequence:source:synthesized
 56 <400> SEQUENCE: 3
 57 Ser Leu Gly Ile
 58
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 3
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: Description of Artificial
 68 Sequence:source:synthesized

PP-5,2

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RAW SEQUENCE LISTING

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TIME: 12:21:57

Input Set : A:\48962apl.app

Output Set: N:\CRF3\05182000\I230111A.raw

70 <400> SEQUENCE: 4
 W--> 71 Xaa Xaa Xaa *dem 10*
 72 1
 75 <210> SEQ ID NO: 5
 76 <211> LENGTH: 15
 77 <212> TYPE: PRT
 78 <213> ORGANISM: human
 80 <400> SEQUENCE: 5
 81 Asp Ser Glu Asn Ser Asn Phe Arg Asn Glu Ile Gln Ser Leu Val
 82 1 5 10 15
 85 <210> SEQ ID NO: 6
 86 <211> LENGTH: 15
 87 <212> TYPE: PRT
 88 <213> ORGANISM: rat
 90 <400> SEQUENCE: 6
 91 Ser Ile Ser Asn Ser Arg Asn Glu Asn Glu Gly Gln Ser Leu Glu
 92 1 5 10 15
 95 <210> SEQ ID NO: 7
 96 <211> LENGTH: 15
 97 <212> TYPE: PRT
 98 <213> ORGANISM: mouse
 100 <400> SEQUENCE: 7
 101 Ser Thr Pro Asp Thr Gly Asn Glu Asn Glu Gly Gln Cys Leu Glu
 102 1 5 10 15
 105 <210> SEQ ID NO: 8
 106 <211> LENGTH: 4
 107 <212> TYPE: PRT
 108 <213> ORGANISM: Artificial Sequence
 110 <220> FEATURE:
 111 <223> OTHER INFORMATION: Description of Artificial
 112 Sequence:source:synthesized
 114 <400> SEQUENCE: 8
 115 Glu Ser Leu Val
 116 1
 119 <210> SEQ ID NO: 9
 120 <211> LENGTH: 6
 121 <212> TYPE: PRT
 122 <213> ORGANISM: Artificial Sequence
 124 <220> FEATURE:
 125 <223> OTHER INFORMATION: Description of Artificial Sequence:
 126 source:synthesized
 128 <400> SEQUENCE: 9
 129 Thr Ile Gln Ser Val Ile
 130 1 5
 133 <210> SEQ ID NO: 10
 134 <211> LENGTH: 8
 135 <212> TYPE: PRT
 136 <213> ORGANISM: Artificial Sequence
 138 <220> FEATURE:

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139 <223> OTHER INFORMATION: Description of Artificial
140     Sequence:source:synthesized
142 <400> SEQUENCE: 10
143 Arg Gly Phe Ile Ser Ser Leu Val
144   1               5
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 8
149 <212> TYPE: PRT
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial
154     Sequence:source:synthesized
156 <400> SEQUENCE: 11
157 Arg Glu Thr Ile Glu Ser Thr Val
158   1               5
161 <210> SEQ ID NO: 12
162 <211> LENGTH: 11
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial
168     Sequence:source:synthesized
170 <400> SEQUENCE: 12
171 Gln Asn Phe Arg Thr Tyr Ile Val Ser Phe Val
172   1               5               10
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 13
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial
182     Sequence:source:synthesized
184 <400> SEQUENCE: 13
185 Ser Asp Ser Asn Met Asn Met Asn Glu Leu Ser Glu Val
186   1               5               10
189 <210> SEQ ID NO: 14
190 <211> LENGTH: 15
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial
196     Sequence:source:synthesized
198 <400> SEQUENCE: 14
199 Pro Pro Thr Cys Ser Gln Ala Asn Ser Gly Arg Ile Ser Thr Leu
200   1               5               10               15
203 <210> SEQ ID NO: 15
204 <211> LENGTH: 15
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence

```

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208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial
210     Sequence:source:synthesized
212 <400> SEQUENCE: 15
213 Ile Asp Leu Ala Ser Glu Phe Leu Phe Leu Ser Asn Ser Phe Leu
214   1             5             10             15
217 <210> SEQ ID NO: 16
218 <211> LENGTH: 15
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial
224     Sequence:source:synthesized
226 <400> SEQUENCE: 16
227 Asp Ser Glu Met Tyr Asn Phe Arg Ser Gln Leu Ala Ser Val Val
228   1             5             10             15
231 <210> SEQ ID NO: 17
232 <211> LENGTH: 15
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial
238     Sequence:source:synthesized
240 <400> SEQUENCE: 17
241 Ile Pro Pro Asp Ser Glu Asp Gly Asn Glu Glu Gln Ser Leu Val
242   1             5             10             15
245 <210> SEQ ID NO: 18
246 <211> LENGTH: 4
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial
252     Sequence:source:synthesized
254 <400> SEQUENCE: 18
255 Gln Ser Leu Val
256   1
259 <210> SEQ ID NO: 19
260 <211> LENGTH: 5
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence:source
266     synthesized
268 <400> SEQUENCE: 19
269 Ile Gln Ser Leu Val
270   1             5
273 <210> SEQ ID NO: 20
274 <211> LENGTH: 6
275 <212> TYPE: PRT

```

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Input Set : A:\48962apl.app
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```

276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial
280     Sequence:source:synthesized
282 <400> SEQUENCE: 20
283 Glu Ile Gln Ser Leu Val
284   1             5
287 <210> SEQ ID NO: 21
288 <211> LENGTH: 7
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial
294     Sequence:source:synthesized
296 <400> SEQUENCE: 21
297 Asn Glu Ile Gln Ser Leu Val
298   1             5
301 <210> SEQ ID NO: 22
302 <211> LENGTH: 8
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial
308     Sequence:source:synthesized
310 <400> SEQUENCE: 22
311 Arg Asn Glu Ile Gln Ser Leu Val
312   1             5
315 <210> SEQ ID NO: 23
316 <211> LENGTH: 15
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Description of Artificial
322     Sequence:source:synthesized
324 <400> SEQUENCE: 23
325 Asp Ser Glu Asn Ser Asn Phe Arg Asn Glu Ile Gln Ser Leu Val
326   1             5             10             15
329 <210> SEQ ID NO: 24
330 <211> LENGTH: 427
331 <212> TYPE: PRT
332 <213> ORGANISM: human
334 <400> SEQUENCE: 24
335 Met Gly Ala Gly Ala Thr Gly Arg Ala Met Asp Gly Pro Arg Leu Leu
336   1             5             10             15
338 Leu Leu Leu Leu Leu Gly Val Ser Leu Gly Gly Ala Lys Glu Ala Cys
339             20             25             30
341 Pro Thr Gly Leu Tyr Thr His Ser Gly Glu Cys Cys Lys Ala Cys Asn
342             35             40             45
344 Leu Gly Glu Gly Val Ala Gln Pro Cys Gly Ala Asn Gln Thr Val Cys

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

PSI
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VERIFICATION SUMMARY

DATE: 05/19/2000

PATENT APPLICATION: US/09/230,111A

TIME: 12:21:58

Input Set : A:\48962apl.app

Output Set: N:\CRF3\05182000\I230111A.raw

L:29 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:1
L:29 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:1
L:29 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1
L:43 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:2
L:43 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2
L:43 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2
L:71 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:71 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:71 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:4
L:1558 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:31
L:1558 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31
L:1558 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:31
L:1572 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:32
L:1572 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:32
L:1572 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:32
L:1586 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:33
L:1586 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:33
L:1586 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:33